

## Moplen HP5026

Homopolymer



### Product Description

Moplen HP5026 is a polypropylene homopolymer that is suitable for CPP film application for metalizable. And Moplen HP5026 has high stiffness and transparency, low gels, and excellence heat resistance as well as a good metalizing performance. Moplen HP5026 meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

|                    |                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Features</b>    | Good processability/ Good optical properties/ Good Stiffness                                                |
| <b>Market</b>      | Flexible Packaging                                                                                          |
| <b>Application</b> | CPP film for Metallization/ Food and clothes packaging/ Industrial packaging/ General homo PP for Injection |

| ASTM Data                     |               |          |             |
|-------------------------------|---------------|----------|-------------|
| Typical Properties            | Nominal Value | Units    | Test Method |
| Melt Flow Rate (230°C,2.16kg) | 8             | g/10 min | ASTM D1238L |
| Density                       | 0.9           | g/cm3    | ASTM D1505  |
| Flexural Modulus              | 16000         | kg/cm2   | ASTM D790   |
| Tensile Strength at Yeild     | 360           | kg/cm2   | ASTM D638   |
| Elongation at Yeild           | 12            | %        | ASTM D638   |
| Izod Impact Strength (23°C)   | 3             | kgcm/cm  | ASTM D256   |
| Rockwell Hardness             | 100           | R-Scale  | ASTM D785   |
| Vicat Softening Point         | 155           | °C       | ASTM D1525  |
| HDT (0.46 N/mm²)              | 110           | °C       | ASTM D648   |

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